Acid Storage Filtered Cabinet
LX1011AFC

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Description

Acid Storage Filtered Cabinet LX1011AFC is used for storage of hazardous acids by eliminating the need for external ventilation systems while maintaining safe air quality. The filter uses specialized filtration media-such as activated carbon or chemically treated carbon to adsorb harmful fumes before they are released into the surrounding environment. This helps protect personal, equipment, and laboratory infrastructure from exposure and corrosion.

Specifications

Internal dimension (W x D x H)	760 x 420 x 1540 mm
External dimension (W x D x H)	800 x 460 x 1830 mm
Storage capacity	120 Bottles (500 ml)
Inside volume	0.5 m^3
Air purifying capacity	230 m^3/h
Height adjustable shelf	3 Trays
Tray Bearing	> 70 Kg/m^2
Primary filter module	370 x 396 x 21 mm
Molecular filter module	370 x 395 x 50 mm
Display	7-Inch LCD touch screen
Noise	40 dBA
Power supply	110 - 220 V, 50/60 Hz
Packing dimension and Gross weight	850 x 520 x 1800 mm , 120 Kg 900 x 700 x 800 mm, 50 Kg

Features

- Equipped with a dual filtration system: a primary filtration module with one stage and a molecular filtration module with two sequential stages
- Integrated with LCD touchscreen for system monitoring and operational control
- Attached with filter saturation alarm of one unit to indicate end of life status
- Includes an automatic temperature and humidity monitoring system of one unit
- Advanced centralized control system with a dedicated power supply cord for reliable operation
- Enhanced security through a dual-locking mechanism for controlled access

Applications

- It is used for storage of hazardous acids, to protect Research Laboratories, Pharmaceutical facilities, Industrial plants, Healthcare environments, and Educational institutions where safe storage of corrosive acids is essential.

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